

RAW SEQUENCE LISTING

The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) no errors detected.

Application Serial Number: 101565,009
Source: STIC
Date Processed by STIC: 8/18/06

ENTERED



IFWO

RAW SEQUENCE LISTING

PATENT APPLICATION: US/10/565,009

DATE: 08/18/2006

TIME: 09:05:17

Input Set : A:\2006-08-07 3493-0157PUS1.txt
 Output Set: N:\CRF4\08182006\J565009.raw

3 <110> APPLICANT: PINEL Anne-Marie
 4 HOCQUAUX Michel
 6 <120> TITLE OF INVENTION: NOVEL PEPTIDIC CONJUGATES FOR ALOPECIA PREVENTIVE
 7 AND CURATIVE TREATMENT
 9 <130> FILE REFERENCE: 3493-0157PUS1
 C--> 11 <140> CURRENT APPLICATION NUMBER: US/10/565,009
 C--> 12 <141> CURRENT FILING DATE: 2006-01-18
 14 <150> PRIOR APPLICATION NUMBER: FR 03/08797
 15 <151> PRIOR FILING DATE: 2003-07-18
 17 <160> NUMBER OF SEQ ID NOS: 12
 19 <170> SOFTWARE: PatentIn version 3.2
 21 <210> SEQ ID NO: 1
 22 <211> LENGTH: 11
 23 <212> TYPE: PRT
 24 <213> ORGANISM: Artificial sequence
 26 <220> FEATURE:
 27 <223> OTHER INFORMATION: Synthetic Peptide
 29 <220> FEATURE:
 30 <221> NAME/KEY: misc_feature
 31 <222> LOCATION: (1)..(3)
 32 <223> OTHER INFORMATION: Xaa can be Glu-Gln-Arg, Arg-Lys, Arg-Lys-Asp
 33 sequences or Arg amino acid or a bond and up to
 34 3 residues may be present or absent
 36 <220> FEATURE:
 37 <221> NAME/KEY: misc_feature
 38 <222> LOCATION: (7)..(11)
 39 <223> OTHER INFORMATION: Xaa can be Tyr-Val-Gln-Leu-Tyr-Amide, Leu-DOPA sequences,
 40 the amino acids Dopa amide or Homophe amide and up to 4
 41 residues may be present or absent
 44 <400> SEQUENCE: 1
 W--> 46 Xaa Xaa Xaa Lys Asp Val Xaa Xaa Xaa Xaa Xaa
 47 1 5 10
 50 <210> SEQ ID NO: 2
 51 <211> LENGTH: 11
 52 <212> TYPE: PRT
 53 <213> ORGANISM: Artificial sequence
 55 <220> FEATURE:
 56 <223> OTHER INFORMATION: Synthetic Peptide
 58 <220> FEATURE:
 59 <221> NAME/KEY: misc_feature
 60 <222> LOCATION: (1)..(3)
 61 <223> OTHER INFORMATION: Xaa can be Gly-Gln-Gln or Glu-Gln sequences and up to
 62 1 residue may be present or absent

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64 <220> FEATURE:
 65 <221> NAME/KEY: misc_feature
 66 <222> LOCATION: (7)..(11)
 67 <223> OTHER INFORMATION: Xaa can be Tyr-Val-Gln-Leu-Tyr-Amide, Leu-DOPA, Val-Tyr,
 68 Val-Tyr-amide sequences, or the amino acids Tyr, Tyr amide,
 69 Dopa amide or Homophe amide amide and up to 4 residues may
 70 be present or absent
 72 <400> SEQUENCE: 2
 W--> 74 Xaa Xaa Xaa Lys Asp Val Xaa Xaa Xaa Xaa Xaa
 75. 1 5 10
 78 <210> SEQ ID NO: 3
 79 <211> LENGTH: 11
 80 <212> TYPE: PRT
 81 <213> ORGANISM: Artificial sequence
 83 <220> FEATURE:
 84 <223> OTHER INFORMATION: Synthetic Peptide
 86 <220> FEATURE:
 87 <221> NAME/KEY: MOD_RES
 88 <222> LOCATION: (1)..(1)
 89 <223> OTHER INFORMATION: BLOCKED
 91 <220> FEATURE:
 92 <221> NAME/KEY: misc_feature
 93 <222> LOCATION: (1)..(3)
 94 <223> OTHER INFORMATION: Xaa can be Glu-Gln-Arg, Arg-Lys, Arg-Lys-Asp sequences
 95 or Arg amino acid or a bond and up to 3 residues may
 96 be present or absent
 98 <220> FEATURE:
 99 <221> NAME/KEY: misc_feature
 100 <222> LOCATION: (7)..(11)
 101 <223> OTHER INFORMATION: Xaa can be Tyr-Val-Gln-Leu-Tyr-Amide, Leu-DOPA sequences,
 102 the amino acids Dopa amide or Homophe amide and up to 4
 103 residues may be present or absent
 106 <400> SEQUENCE: 3
 W--> 108 Xaa Xaa Xaa Lys Asp Val Xaa Xaa Xaa Xaa Xaa
 109 1 5 10
 112 <210> SEQ ID NO: 4
 113 <211> LENGTH: 11
 114 <212> TYPE: PRT
 115 <213> ORGANISM: Artificial sequence
 117 <220> FEATURE:
 118 <223> OTHER INFORMATION: Synthetic Peptide
 120 <220> FEATURE:
 121 <221> NAME/KEY: MOD_RES
 122 <222> LOCATION: (1)..(1)
 123 <223> OTHER INFORMATION: BLOCKED
 125 <220> FEATURE:
 126 <221> NAME/KEY: misc_feature
 127 <222> LOCATION: (1)..(3)
 128 <223> OTHER INFORMATION: Xaa can be Gly-Gln-Gln or Glu-Gln sequences and up to

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129 1 residue may be present or absent
131 <220> FEATURE:
132 <221> NAME/KEY: misc_feature
133 <222> LOCATION: (7)..(11)
134 <223> OTHER INFORMATION: Xaa can be Tyr-Val-Gln-Leu-Tyr-Amide, Leu-DOPA,Val-Tyr,
135 Val-Tyr-amide sequences, or the amino acids Tyr, Tyr
136 amide, Dopa amide or Homophe amide and up to 4 residues
137 may be present or absent
139 <400> SEQUENCE: 4
W--> 141 Xaa Xaa Xaa Lys Asp Val Xaa Xaa Xaa Xaa Xaa
142 1 5 10
147 <210> SEQ ID NO: 5
148 <211> LENGTH: 5
149 <212> TYPE: PRT
150 <213> ORGANISM: Artificial sequence
152 <220> FEATURE:
153 <223> OTHER INFORMATION: Synthetic Peptide
155 <220> FEATURE:
156 <221> NAME/KEY: MOD_RES
157 <222> LOCATION: (1)..(1)
158 <223> OTHER INFORMATION: BLOCKED
160 <220> FEATURE:
161 <221> NAME/KEY: MOD_RES
162 <222> LOCATION: (5)..(5)
163 <223> OTHER INFORMATION: AMIDATION
165 <220> FEATURE:
166 <221> NAME/KEY: misc_feature
167 <222> LOCATION: (5)..(5)
168 <223> OTHER INFORMATION: Xaa = homophenylalanine amide.
170 <400> SEQUENCE: 5
W--> 172 Arg Lys Asp Val Xaa
173 1 5
176 <210> SEQ ID NO: 6
177 <211> LENGTH: 4
178 <212> TYPE: PRT
179 <213> ORGANISM: Artificial sequence
181 <220> FEATURE:
182 <223> OTHER INFORMATION: Synthetic Peptide
184 <220> FEATURE:
185 <221> NAME/KEY: MOD_RES
186 <222> LOCATION: (1)..(1)
187 <223> OTHER INFORMATION: BLOCKED
189 <220> FEATURE:
190 <221> NAME/KEY: MOD_RES
191 <222> LOCATION: (4)..(4)
192 <223> OTHER INFORMATION: AMIDATION
194 <220> FEATURE:
195 <221> NAME/KEY: misc_feature
196 <222> LOCATION: (4)..(4)

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Input Set : A:\2006-08-07 3493-0157PUS1.txt
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197 <223> OTHER INFORMATION: Xaa = dihydrophenylalanine amide.
199 <400> SEQUENCE: 6
W--> 201 Lys Asp Val Xaa
202 1
205 <210> SEQ ID NO: 7
206 <211> LENGTH: 5
207 <212> TYPE: PRT
208 <213> ORGANISM: Artificial sequence
210 <220> FEATURE:
211 <223> OTHER INFORMATION: Synthetic Peptide
213 <220> FEATURE:
214 <221> NAME/KEY: MOD_RES
215 <222> LOCATION: (1)..(1)
216 <223> OTHER INFORMATION: BLOCKED
218 <220> FEATURE:
219 <221> NAME/KEY: MOD_RES
220 <222> LOCATION: (5)..(5)
221 <223> OTHER INFORMATION: AMIDATION
223 <220> FEATURE:
224 <221> NAME/KEY: misc_feature
225 <222> LOCATION: (5)..(5)
226 <223> OTHER INFORMATION: Xaa = dihydrophenylalanine amide.
228 <400> SEQUENCE: 7
W--> 230 Arg Lys Asp Val Xaa
231 1 5
234 <210> SEQ ID NO: 8
235 <211> LENGTH: 6
236 <212> TYPE: PRT
237 <213> ORGANISM: Artificial sequence
239 <220> FEATURE:
240 <223> OTHER INFORMATION: Synthetic Peptide
242 <220> FEATURE:
243 <221> NAME/KEY: misc_feature
244 <222> LOCATION: (1)..(3)
245 <223> OTHER INFORMATION: Xaa is Lys or MeLys and up to two residues may be present
246 or absent
248 <400> SEQUENCE: 8
W--> 250 Xaa Xaa Xaa Gly His Lys
251 1 5
254 <210> SEQ ID NO: 9
255 <211> LENGTH: 6
256 <212> TYPE: PRT
257 <213> ORGANISM: Artificial sequence
259 <220> FEATURE:
260 <223> OTHER INFORMATION: Synthetic Peptide
262 <220> FEATURE:
263 <221> NAME/KEY: misc_feature
264 <222> LOCATION: (1)..(3)
265 <223> OTHER INFORMATION: Xaa is Lys or MeLys and up to two residues may be present

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266 or absent
268 <220> FEATURE:
269 <221> NAME/KEY: MOD_RES
270 <222> LOCATION: (6)..(6)
271 <223> OTHER INFORMATION: AMIDATION
273 <400> SEQUENCE: 9
W--> 275 Xaa Xaa Xaa Gly His Lys
276 1 5
279 <210> SEQ ID NO: 10
280 <211> LENGTH: 6
281 <212> TYPE: PRT
282 <213> ORGANISM: Artificial sequence
284 <220> FEATURE:
285 <223> OTHER INFORMATION: Synthetic Peptide
287 <220> FEATURE:
288 <221> NAME/KEY: MOD_RES
289 <222> LOCATION: (1)..(1)
290 <223> OTHER INFORMATION: BLOCKED
292 <220> FEATURE:
293 <221> NAME/KEY: misc_feature
294 <222> LOCATION: (1)..(3)
295 <223> OTHER INFORMATION: Xaa is Lys, MeLys, or a bond and up to three residues may be
296 present or absent
299 <400> SEQUENCE: 10
W--> 301 Xaa Xaa Xaa Gly His Lys
302 1 5
305 <210> SEQ ID NO: 11
306 <211> LENGTH: 6
307 <212> TYPE: PRT
308 <213> ORGANISM: Artificial sequence
310 <220> FEATURE:
311 <223> OTHER INFORMATION: Synthetic Peptide
313 <220> FEATURE:
314 <221> NAME/KEY: MOD_RES
315 <222> LOCATION: (1)..(1)
316 <223> OTHER INFORMATION: BLOCKED
318 <220> FEATURE:
319 <221> NAME/KEY: misc_feature
320 <222> LOCATION: (1)..(3)
321 <223> OTHER INFORMATION: Xaa is Lys, MeLys, or a bond and up to three residues may be
322 present or absent
324 <220> FEATURE:
325 <221> NAME/KEY: MOD_RES
326 <222> LOCATION: (6)..(6)
327 <223> OTHER INFORMATION: AMIDATION
329 <400> SEQUENCE: 11
W--> 331 Xaa Xaa Xaa Gly His Lys
332 1 5
335 <210> SEQ ID NO: 12

RAW SEQUENCE LISTING ERROR SUMMARY
PATENT APPLICATION: US/10/565,009

DATE: 08/18/2006
TIME: 09:05:19

Input Set : A:\2006-08-07 3493-0157PUS1.txt
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Please Note:

Use of n and/or Xaa have been detected in the Sequence Listing. Please review the Sequence Listing to ensure that a corresponding explanation is presented in the <220> to <223> fields of each sequence which presents at least one n or Xaa.

Seq#:1; Xaa Pos. 1,2,3,7,8,9,10,11
Seq#:2; Xaa Pos. 1,2,3,7,8,9,10,11
Seq#:3; Xaa Pos. 1,2,3,7,8,9,10,11
Seq#:4; Xaa Pos. 1,2,3,7,8,9,10,11
Seq#:5; Xaa Pos. 5
Seq#:6; Xaa Pos. 4
Seq#:7; Xaa Pos. 5
Seq#:8; Xaa Pos. 1,2,3
Seq#:9; Xaa Pos. 1,2,3
Seq#:10; Xaa Pos. 1,2,3
Seq#:11; Xaa Pos. 1,2,3

VERIFICATION SUMMARY

PATENT APPLICATION: US/10/565,009

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TIME: 09:05:19

Input Set : A:\2006-08-07 3493-0157PUS1.txt
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L:11 M:270 C: Current Application Number differs, Replaced Current Application Number
L:12 M:271 C: Current Filing Date differs, Replaced Current Filing Date
L:46 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:1 after pos.:0
L:74 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:2 after pos.:0
L:108 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:3 after pos.:0
L:141 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:4 after pos.:0
L:172 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:5 after pos.:0
L:201 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:6 after pos.:0
L:230 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:7 after pos.:0
L:250 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:8 after pos.:0
L:275 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:9 after pos.:0
L:301 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:10 after pos.:0
L:331 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:11 after pos.:0